

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) ~~Method~~ A method, for  
~~correcting/adapting terminal errors in a cellular system~~  
~~comprising the steps of:~~

sending ~~(30)~~ a control/report signal ~~(18)~~ to a network  
~~(11)~~ of the a cellular system by a ~~user equipment or~~  
terminal ~~(12)~~ of the cellular system for initiating setup  
procedures for correcting or adapting terminal errors in  
the cellular system, said control/report signal ~~(18)~~ is  
indicative of a version of a bit map supporting error  
correcting functionalities of the terminal ~~(12)~~;

determining ~~(31)~~ by the network ~~(11)~~ whether new bit  
map related information is required for completing the  
setup procedures by the terminal ~~(12)~~;

performing ~~(44)~~ the setup procedures at the terminal  
~~(12)~~ using instructions contained in a command/information  
signal ~~(20)~~ while waiting for the new bit map related  
information from the network ~~(11)~~ for completing said  
procedures; and

completing ~~(56, 58, 62, 64)~~ the setup procedures by the  
terminal ~~(12)~~ using further instructions contained in the  
command/information signal ~~(20)~~ sent by the network ~~(11)~~,  
wherein said further instructions are configured by the  
network ~~(11)~~ ~~based on~~ using a new bit map signal comprising  
said new bit map related information ~~(24b)~~ generated by the  
network ~~(11)~~.

2. (Currently Amended) The method of claim 1, wherein the control/report signal ~~(18)~~ ~~also can contain~~ comprises an international mobile station equipment and a software version number ~~(IMEISV)~~.

3. (Currently Amended) The method of claim 1, wherein the command/information signal ~~(20)~~ is a measurement control signal ~~(20-3)~~ and the ~~step of completing (56, 58, 62, 64)~~ the setup procedures comprising ~~the steps of:~~

configuring by the network ~~(11)~~ and sending ~~(56)~~ said security mode command signal ~~(20-3)~~ to the ~~UE (12)~~ terminal; and

performing ~~(58)~~ a security mode setup by the terminal ~~(12)~~ using said security mode command signal ~~(20-3)~~.

4. (Currently Amended) The method of claim 1, wherein the command/information signal ~~(20)~~ is a radio bearer setup signal ~~(20-4)~~, and the ~~step of said completing (56, 58, 62, 64)~~ the setup procedures comprising ~~the steps of:~~

configuring by the network ~~(11)~~ and sending ~~(62)~~ said radio bearer setup signal ~~(20-4)~~ to the ~~UE~~ terminal ~~(12)~~; and

completing ~~(64)~~ a bearer setup by the terminal ~~(12)~~ using said radio bearer setup signal ~~(20-4)~~.

5. (Currently Amended) The method of claim 1, wherein the cellular system is a universal mobile telecommunications system ~~(10)~~.

6. (Currently Amended) The method of claim 5, wherein the network ~~(11)~~ comprises a universal terrestrial radio access network ~~(14)~~ and a core network ~~(16)~~.

7. (Currently Amended) The method of claim 6, wherein the universal terrestrial radio access network ~~(14)~~ comprises a serving radio network controller ~~(15)~~.

8. (Currently Amended) The method of claim 7, wherein the command/information signal ~~(20)~~ is a security mode command signal ~~(20-3)~~, which is sent to the terminal ~~(12)~~ by the serving radio network controller ~~(15)~~; said security mode command signal ~~(20-3)~~ is generated by the serving radio network controller ~~(15)~~ after receiving the new bit map signal ~~(24b)~~.

9. (Currently Amended) The method of claim 7, wherein the command/information signal ~~(20)~~ is a radio bearer setup signal ~~(20-4)~~, which is sent to the terminal ~~(12)~~ by the serving radio network controller ~~(15)~~, said radio bearer setup signal ~~(20-4)~~ is generated by the serving radio network controller ~~(15)~~ after receiving the new bit map signal ~~(24b)~~.

10. (Currently Amended) The method of claim 7, wherein the control/report signal ~~(18)~~ is a RACH RRC connection request signal ~~(18-1)~~, which is sent to the serving radio network controller ~~(15)~~.

11. (Currently Amended) The method of claim 10, wherein ~~the step of~~ said determining ~~(31)~~ by the network ~~(11)~~ whether the new bit map related information is required for

completing the setup procedures by the terminal (12) is performed by the serving radio network controller (15) upon receiving and based on the RACH RRC connection request signal (18-1).

12. (Currently Amended) The method of claim 11, wherein after the ~~step of determining (31)~~ by the network (11) if the new bit map related information is required, the method further comprising the steps of comprises:

sending (32) a FACH RRC connection setup signal (20-1), ~~based on~~ in response to the RACH RRC connection request signal (18-1), to the terminal (12) by the serving radio network controller (15);

setting up (34) a connection by the terminal (12) using the FACH RRC connection setup signal (20-1) ~~based on the FACH RRC connection setup signal (20-1)~~; and

sending (36) a DCH RRC connection setup complete signal (18-2) to the serving radio network controller (15) by the terminal (12).

13. (Currently Amended) The method of claim 12, further ~~comprising the steps of~~:

sending (38) an RRC initial direct transfer signal (18-3) to the universal serving radio network controller (15) by the terminal (12), said RRC initial direct transfer signal (18-3), ~~if it is determined that the new bit map related information is required, contains~~ comprises an international mobile station equipment and software version (IMEISV) number if it is determined that the new bit map related information is required;

sending (40) an RRC initial UE message signal (22) to the core network (16) by the terminal (12), said RRC

initial UE message signal ~~(22)~~ contains a request for a new bit map and the international mobile station equipment and software version ~~(IMEISV)~~ number; and

sending ~~(42)~~ a measurement control signal ~~(20-2)~~ to the terminal ~~(12)~~ by the serving radio network controller ~~(15)~~.

14. (Currently Amended) The method of claim 13, wherein ~~the step of~~ said performing ~~(44)~~ the setup procedures at the terminal ~~(12)~~, while waiting for the bit map related information from the network ~~(11)~~, is performed by configuring measurement configurations ~~based on~~ using the measurement control signal ~~(20-2)~~ by the terminal ~~(12)~~.

15. (Currently Amended) The method of claim 14, wherein after ~~the step of~~ said performing ~~(44)~~ the setup procedures at the terminal ~~(12)~~, the method further comprising ~~comprises: the steps of:~~

delaying ~~(50a)~~ further setup procedures of the terminal ~~(12)~~ until generating the new bit map signal ~~(24b)~~ by the core network ~~(16)~~, if it is determined that said new bit map signal ~~(24b)~~ is required;

sending ~~(50)~~ a common ID ~~(IMSI)~~ signal ~~(24a)~~ and ~~the~~ a new bit map signal ~~(24b)~~ generated by the core network ~~(16)~~ to the serving radio network controller ~~(15)~~ by the core network ~~(16)~~;

determining ~~(52)~~ by the serving radio network controller ~~(15)~~ if the new bit map signal ~~(24b)~~ has to be converted to match the international mobile station equipment and software version ~~(IMEISV)~~ number of the terminal ~~(12)~~; and

converting ~~(56)~~ the new bit map signal (24b) to match the international mobile station equipment and software version ~~(IMEISV)~~ number of the terminal ~~(12)~~ by the serving radio network controller ~~(15)~~.

16. (Currently Amended) The method of claim 7, wherein after ~~the step of said~~ performing (44) the setup procedures at the terminal ~~(12)~~, the method further comprising the steps of comprises:

delaying ~~(50a)~~ further setup procedures of the terminal ~~(12)~~ until generating the new bit map signal ~~(24b)~~ by the core network ~~(16)~~, if it is determined that said new bit map signal ~~(24b)~~ is required; and

sending ~~(50)~~ a common ID ~~(IMSI)~~ signal ~~(24a)~~ and the new bit map signal ~~(24b)~~ generated by the core network ~~(16)~~ to the serving radio network controller ~~(15)~~ by the core network ~~(16)~~.

17. (Currently Amended) The method of claim 16, wherein the new bit map signal ~~(24b)~~ is generated using a core network protocol block ~~(16a)~~ of the core network ~~(16)~~ and an error database block ~~(16b)~~ of the core network ~~(16)~~.

18. (Currently Amended) A cellular system ~~utilizing a special procedure for correcting/adapting terminal errors,~~ comprising:

a terminal or ~~user equipment (12)~~, for providing a control/report signal ~~(18)~~ which is indicative of a version of a bit map supporting error correcting functionalities of the terminal ~~(12)~~ for correcting or adapting terminal errors in the cellular system, responsive to a command/information signal ~~(20)~~ for performing setup

procedures of the terminal—(12)—using instructions comprised in said command/information signal while waiting for new bit map related information, and for completing the setup procedures using further instructions comprised in said command/information signal; and

a network—(11), responsive to said control/report signal—(18), for determining if said new bit map related information is required for completing the setup procedures by the terminal (12)—using said control/report signal—(18), for providing said command/information signal comprising said instructions and said further instructions (20)—to the terminal (12)—before and after said determination, respectively, wherein said further instructions are configured by the network using a new bit map signal comprising said new bit map related information generated by the network. using information contained in said control/report signal—(18) and after said determination using a new bit map signal (24b) generated by the network (11).

19. (Currently Amended) The cellular system of the claim 18, wherein the network (11) ~~comprising~~comprises:

a universal terrestrial radio access network—(14), responsive to a common ID (IMSI)—signal—(24a), to the new bit map signal (24b)—and to the control/report signal—(18), for determining if said new bit map related information is required for completing the setup procedures by the terminal (12)—using said control/report signal—(18), for providing said command/information signal (20)—to the terminal—(12) before said determination using information contained in said control/report signal (18) and after said

~~determination using the new bit map signal (24b) generated by the network (11); and~~

~~a core network (16), responsive to the control/report signal (18), for generating the new bit map signal (24b), for providing the common ID (IMSI) signal (24a) and for providing the new bit map signal (24b) to the universal terrestrial radio access network (14).~~

20. (Currently Amended) The ~~method~~ cellular system of claim 18, wherein the control/report signal ~~(18) can also contain~~ comprises an international mobile station equipment and software version number ~~(IMEISV).~~

21. (New) A network, comprising:

a universal terrestrial radio access network, responsive to a new bit map signal and to a control/report signal which is indicative of a version of a bit map supporting error correcting functionalities of a terminal for correcting or adapting terminal errors in the cellular system, for determining if a new bit map related information is required for completing the setup procedures by a terminal using said control/report signal, for providing a command/information signal to the terminal for performing setup procedures of the terminal using instructions comprised in said command/information signal while waiting for said new bit map related information, and for completing the setup procedures using further instructions comprised in said command/information signal; and

a core network, responsive to the control/report signal, for generating and providing the new bit map signal comprising said new bit map related information, to the



universal terrestrial radio access network, wherein said further instructions are configured by the universal terrestrial radio access network using said.

22. (New) The network of claim 21, wherein the control/report signal comprises an international mobile station equipment and software version number.

23. (New) The network of claim 22, wherein the core network comprises:

an error database block; and

a core network protocol block, for generating and providing the new bit map signal using database information stored in the error database block.

24. (New) A network, comprising:

means for network access, responsive to a new bit map signal and to a control/report signal which is indicative of a version of a bit map supporting error correcting functionalities of a terminal for correcting or adapting terminal errors in the cellular system, for determining if a new bit map related information is required for completing the setup procedures by a terminal using said control/report signal, for providing a command/information signal to the terminal for performing setup procedures of the terminal using instructions comprised in said command/information signal while waiting for said new bit map related information, and for completing the setup procedures using further instructions comprised in said command/information signal; and

means for networking, responsive to the control/report signal, for generating and providing the new bit map signal comprising said new bit map related information, to the universal terrestrial radio access network, wherein said further instructions are configured by the universal terrestrial radio access network using said.

25. (New) The network of claim 24, wherein said means for network access is a universal terrestrial radio access network, and said means for networking is a core network.

26. (New) A computer program product comprising: a computer readable storage structure embodying computer program code thereon for execution by a computer processor with said computer program code, wherein said computer program code comprises instructions for performing the method of claim 1, indicated as being performed by any component or a combination of components of the terminal or the network.